



Request for Quotation (RFQ) for the supply of Scanlab Intelliscan III 20 system to the CSIR

RFQ No: 5617/14/08/2020

Date of issue	Friday, 31 July 2020
Closing Date and Time	Friday, 14 August 2020@ 16h30 (Late submissions will not be considered)
Contact details	For submission of quotations or any other enquiries: tender@csir.co.za (Please use RFQ Number as subject reference)

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of a Scanlab Intelliscan III-20 system to the CSIR

2 QUOTATION REQUIREMENTS

Specifications : Item 1	Quantity
intelliSCAN III 20 laser scanner; 1080nm digital SL2-100	1
20 mm aperture	
mirrors coated for 1080nm (Si)	
Two galvos with new low drift position detector and digital servo control board	
18-bit positioning resolution	
real-time monitoring of all key operational states of the scan system, e.g. mirror	
position and speed, supply voltage and temperature	
dustproof and water spray resistant housing	
connectors at beam entrance side:	
9-pin DATA IN, 3-pin POWER IN	
connectors for air cooling of the mirrors	
cooling: water; galvos and electronic (stainless steel)	
option to connect additional components (e.g. cross jet)	
Tuning 125969	
SCANcheck burn-in test	
assembly instructions in English as PDF file on CD	
Specifications : Item 2	Quantity

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This is not a Purchase Order.

Objective mounting kit 54	1
For mounting Protective Window-47 to intelliSCAN III 20	
Specifications : Item 3	Quantity
varioSCAN de 40i; 1030-1090nm; digital SL2-100; Type 192	1
optical configuration for 1030 - 1090 nm	
max. laser power cw: 1000 W	
input clear aperture: 10 mm	
digital servo control board DSCB	
FLEX II housing	
water-cooled entrance aperture (stainless steel)	
tuning and test	
assembly instructions in English as PDF file on CD	
Specifications : Item 4	Quantity
RTC5 PCI-Express; Type 200, 3D	1
SL2-100 transfer protocol, PCIe bus based, incl.:	
DSP processor on board	
2D scan head interface	
20-bit scan head signals (potential free)	
3D option: varioSCAN interface via secondary scan head connector	
high-resolution, programmable laser control signals (32 MHz Clock)	
fast pixel mode with frequencies up to 800 kHz	
Two 12-bit analog output ports	
8-bit digital output port	
16-bit digital output port	
16-bit digital input port	
SPI interface	
RS232 interface	
master/slave synchronization	
Two additional IO-pins on the laser connector	
memory on board for 2 correction files	
sophisticated list management with up to 1 million entries	
English manual as PDF file on CD	
Specifications : Item 5	Quantity
RTC6 Ethernet; Type 200, 3D	1
SL2-100 transfer protocol, Ethernet based, incl.:	
DSP processor on board	
2D scan head interface	
20-bit scan head signals (potential free)	
3D option: varioSCAN interface via secondary scan head connector	
high-resolution, programmable laser control signals (32 MHz Clock)	

fast pixel mode with frequencies up to 800 kHz	
two 12-bit analog output ports	
one 8-bit digital output port	
one 16-bit digital output port	
one 16-bit digital input port	
SPI interface	
RS232 interface	
master/slave synchronization	
2 additional IO-pins on the laser connector	
memory on board for 2 correction files	
sophisticated list management with up to 1 million entries	
English manual as PDF file on CD	
Specifications : Item 6	Quantity
Adapter cable for RTC6 Ethernet	1
SCANHEAD interface to Sub-D 9-pin	
Specifications : Item 7	Quantity
Cable RTC5 2nd Scanhead	1
with slot cover + 9-pin female D-Sub	
Specifications : Item 8	Quantity
Data Cable	2
Sub-D9 connector	
5m length	
SL2-100 data protocol	
Specifications : Item 9	Quantity
3-pin power connector	2
Specifications : Item 10	Quantity
Power Supply; 30V; 8A	1

Please take note of the following:

- Preference will be given to OEM's and licensed distributors with >3 years' experience in distributing this product.
- Warranties and guarantees
- Add the brochure to the quotation (quotations without brochures will not be considered)
- Clearly indicate VAT charged where applicable (if not VAT registered please state so clearly)

Elimination criteria

- Failure to adhere to quotations specifications
- No datasheet attached
- Failure to provide support and maintenance locally.

Should the tender file size exceed 30 MB, tenderers can submit tender in multiple emails

3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Please send a valid B-BBEE certificate with quotation. No B-BBEE status will equal zero points. (Not applicable to countries outside of South Africa)
- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.
- 3.4 No order will be issued or no contract will be signed without a valid CSD number.

4 PRICING QUOTATION

- 4.1 Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.
- 4.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.3 Payment will be according to the CSIR Payment Terms and Conditions.

5 OTHER TERMS AND CONDITIONS

- 5.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such

an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.

5.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

6 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.

7 Note: This is not a Purchase Order.

DECLARATION BY TENDERER

Only tenderers who completed the declaration below will be considered for evaluation.

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I hereby undertake to render services described in the attached tendering documents to CSIR in accordance with the requirements and task directives / quotation specifications stipulated in RFQ No: 5617-14-08-2020 at the price/s quoted. My offer/s remains binding upon me and open for acceptance by the CSIR during the validity period indicated and calculated from the closing date of the quotation.

I confirm that I am satisfied with regards to the correctness and validity of my quotation; that the price(s) and rate(s) quoted cover all the services specified in the quotation documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.

I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this quotation as the principal liable for the due fulfilment of this quotation.

I declare that I have no participation in any collusive practices with any tenderer or any other person regarding this or any other quotation.

I accept that the CSIR may take appropriate actions, deemed necessary, should there be a conflict of interest or if this declaration proves to be false.

I confirm that I am duly authorised to sign this quotation.

NAME (PRINT)
CAPACITY
SIGNATURE
NAME OF FIRM
DATE

WITNESSES DATE:
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